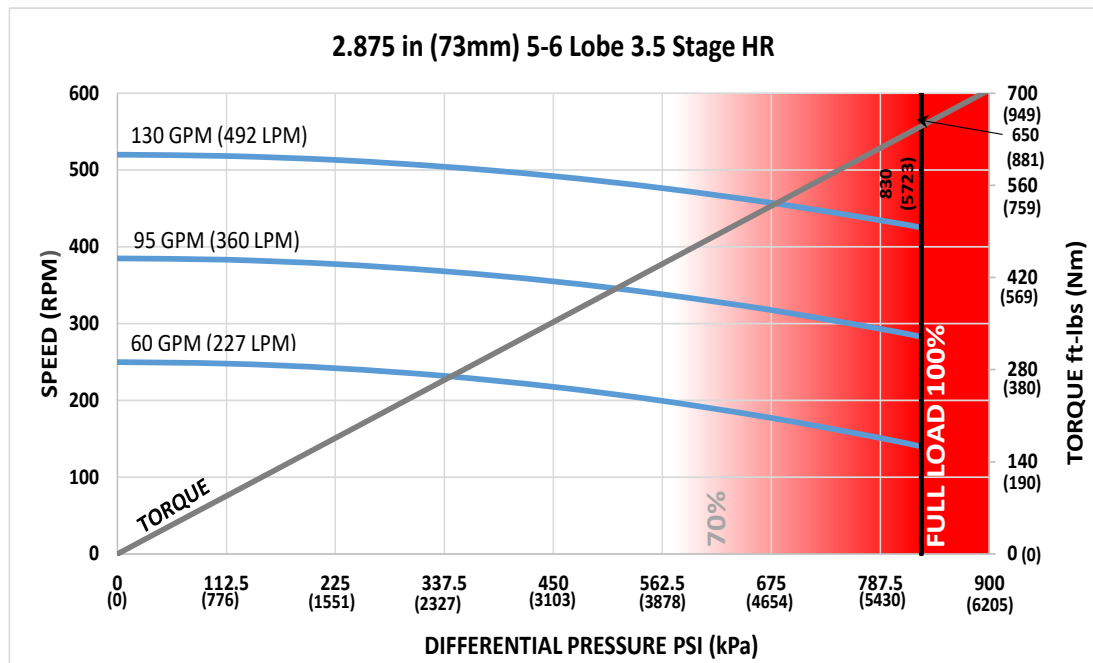




<b>Bit Size Range</b>	3-5/8 - 4 in	92 - 102 mm
<b>Bit Box Connection</b>	2-3/8 PAC	
<b>Dynamic Bearing Load On/Off Bottom</b>	21505 lbf	9600 daN
<b>Static Bearing Load On/Off Bottom</b>	64875 lbf	28900 daN
<b>Max. Overpull (For Re-run)</b>	49100 lbf	21800 daN
<b>Absolute Overpull</b>	81800 lbf	36400 daN
<b>Adjustable Makeup Torque</b>	2500 ft-lbs	3400 Nm
<b>Stab/Thread Protector Makeup Torque</b>	N/A	N/A
<b>A = Bit to Stabilizer (Centre)</b>	N/A	N/A
<b>B = Bit to Bend</b>	Adjustable 40 in	1.02 m
	Fixed N/A	N/A
<b>C = Overall (With Dump Sub)</b>	176 in	4.47 m
<b>Weight</b>	216 lb	98 kg

<b>Lobe Configuration</b>	5-6 Lobe 3.5 Stage HR	
<b>Displacement (No Load)</b>	4.11 rev/gal	1.09 rev/l
<b>Max. Differential (Full Load)</b>	830 psi	5723 kPa
<b>Max. Torque</b>	650 ft-lbs	881 Nm
<b>Max. Power</b>	53 HP	39 kW

Flow Rate		Speed
GPM	LPM	RPM
60	227	140 - 250
95	360	283 - 385
130	492	425 - 520



Possible damage may occur when motor is run higher than 70% of Maximum Differential Pressure.

### ADJUSTABLE BUILD RATE

Hole Size	SLICK				STABILIZED			
	3-5/8 (92mm)	3-3/4 (95mm)	3-7/8 (98mm)	4 (102mm)	3-5/8 (92mm)	3-3/4 (95mm)	3-7/8 (98mm)	4 (102mm)
<b>BEND ANGLE</b>	Degrees per 100 Feet (30m)				Degrees per 100 Feet (30m)			
0.39	2.1	0.9	-	-	N/A	N/A	N/A	N/A
0.78	7.7	6.6	5.5	4.3	N/A	N/A	N/A	N/A
1.15	13.1	11.9	10.8	9.7	N/A	N/A	N/A	N/A
1.50	18.1	17.0	15.9	14.7	N/A	N/A	N/A	N/A
1.83	22.9	21.8	20.6	19.5	N/A	N/A	N/A	N/A
2.12	27.1	26.0	24.8	23.7	N/A	N/A	N/A	N/A
2.38	30.9	29.7	28.6	27.5	N/A	N/A	N/A	N/A
2.60	34.0	32.9	31.8	30.7	N/A	N/A	N/A	N/A
2.77	36.5	35.4	34.2	33.1	N/A	N/A	N/A	N/A
2.90	38.4	37.2	36.1	35.0	N/A	N/A	N/A	N/A
2.97	39.4	38.3	37.1	36.0	N/A	N/A	N/A	N/A
3.00	39.8	38.7	37.6	36.4	N/A	N/A	N/A	N/A

Note: Stabilizers are 1/8" undergauge

### FBH BUILD RATE

Hole Size	SLICK				STABILIZED			
	3-5/8 (92mm)	3-3/4 (95mm)	3-7/8 (98mm)	4 (102mm)	3-5/8 (92mm)	3-3/4 (95mm)	3-7/8 (98mm)	4 (102mm)
<b>BEND ANGLE</b>	Degrees per 100 Feet (30m)				Degrees per 100 Feet (30m)			
1.25	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1.50	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1.75	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2.00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2.25	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2.50	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

This information is for reference only. Build rates are theoretical calculations using three-point geometry and new motor builds. Actual rate predictions will depend on formation characteristics, bit profiles, and WOB.

For custom motor configurations and build rates, please contact your DYNOMAX office.

**FISHING DIMENSIONS**

USC - IMPERIAL (Lengths, Diameters = in)  
SI - METRIC (Lengths = m, Diameters = mm)



EXTERNALS		USC	SI
END CAP	A	5.1	0.13
BEARING HOUSING	B	7.1	0.18
PISTON HOUSING	C	14.0	0.36
STABILIZER SHOULDER	D	--	--
KICK/FIXED HOUSING	E	27.6	0.70
BIT TO BEND (ADJUSTABLE)	F1	40.0	1.02
ADAPTOR HOUSING (ADJUSTABLE)	G1	45.0	1.14
BIT TO BEND (FIXED)	F2	N/A	N/A
ADAPTOR HOUSING (FIXED)	G2	N/A	N/A
STATOR START	H	57.3	1.46
STATOR END	I	155.9	3.96
OVERALL LENGTH	J	176.0	4.47
BIT BOX Ø	K	2.88	73.2
END CAP/BEARING HOUSING Ø	L	2.88	73.2
THREAD PROTECTOR Ø	M	--	--
PISTON HOUSING Ø	N	2.88	73.2
KICK/FIXED HOUSING Ø	O	2.88	73.2
PAD (ADJUSTABLE) Ø	P1	3.10	78.7
PAD (FIXED) Ø	P2	--	--
ADJUSTABLE MANDREL PIN Ø	Q	1.71	43.4
ADAPTOR HOUSING Ø	R	2.88	73.2
ADAPTOR PIN Ø	S	2.04	51.7
STATOR TUBE OUTER Ø	T	2.88	73.2
STATOR TUBE INNER Ø	U	2.38	60.5
ROTOR CATCH SUB BLADE Ø	V	3.13	79.4
ROTOR CATCH SUB Ø	W	2.88	73.0



INTERNALS		USC	SI
BIT BOX	A	4.5	0.11
THRUST SHOULDER	B	10.5	0.27
WASHPIPE START	C	12.7	0.32
HEX END	D	17.4	0.44
BEARING ASSEMBLY ADAPTOR	E	26.6	0.68
BAA CAP	F	34.4	0.87
ROTOR ADAPTOR CAP	G	52.6	1.34
ROTOR START	H	57.3	1.46
ROTOR END	I	148.3	3.77
CATCH STEM	J	157.8	4.01
BIT BOX Ø	K	2.88	73.2
MANDREL Ø	L	1.88	47.8
THRUST Ø	M	1.63	41.4
WASHPIPE LARGE Ø	N	1.88	47.8
WASHPIPE SMALL Ø	O	1.63	41.4
BEARING ASSEMBLY ADAPTOR Ø	P	2.13	54.1
DRIVESHAFT Ø	Q	1.00	25.4
ROTOR ADAPTOR Ø	R	1.67	42.4
ROTOR MAJOR DIA. Ø	S	1.68	42.5
ROTOR CATCH STEM Ø	T	1.70	43.2

This information is for reference only. Assemblies are displayed in an "Adjustable Configuration"

Rotor Catch and Rotor Catch Float Sub Lengths may vary based on configuration, and use of Dump Subs or combination Rotor Catch and Float Housings.

If any additional information is required, please contact your local DYNOMAX office.